

Name

What is Climate?

Climate vs Weather

Weather-

Climate-

Determined by:

Latitude

-

- Coldest:
- Warmest:

A. Solar Energy and latitude

- Latitude determines
- At the equator-
- At The poles-

## B. Seasons and Latitudes

Season happen –

During our summer-

During our winter-

## Prevailing Winds

Definition-

Affects-

From warm air-

From cold air-

Winds across land-

Winds across water-

## Mountains

As elevation increases-

Two sides of a mountain

1. Wet Side

2. Dry Side

## Large Bodies of Water

Water absorbs and releases heat-

## Ocean Currents

Surface Currents-

Surface Temperature affects-

Warm Currents-

Cool Currents-

## Climates of The World

Three major climates zones

- 1.
- 2.
- 3.

Each zone is divided into-

Different climates are due to -